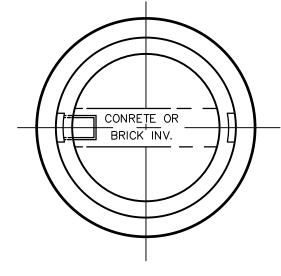
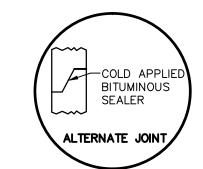


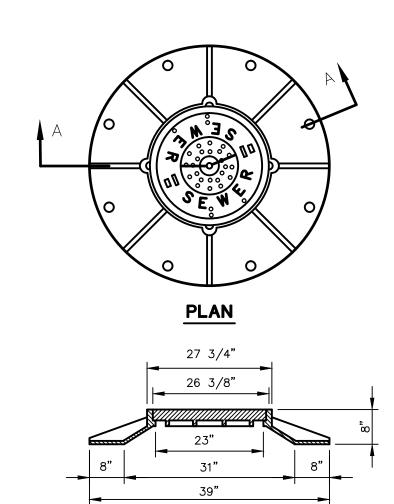
PRECAST SANITARY MANHOLE N.T.S.





1. 5' OR 6' DIA. PRECAST BASES MAY BE USED WHEN REQUIRED DUE TO SIZE OR NUMBER OF PIPES AT THE MANHOLE. PRECAST REDUCERS WILL BE PLACED ABOVE THE 5' & 6' BASES AS DIRECTED BY THE ENGINEER. WALL THICKNESS TO INCREASE 1" FOR EACH 1' OF INSIDE DIAMETER INCREASE.

2. WHEN INLET SEWER INVERT TO OUTLET SEWER INVERT ELVATION EXCEEDS 24" USE DROP CONNECTION.

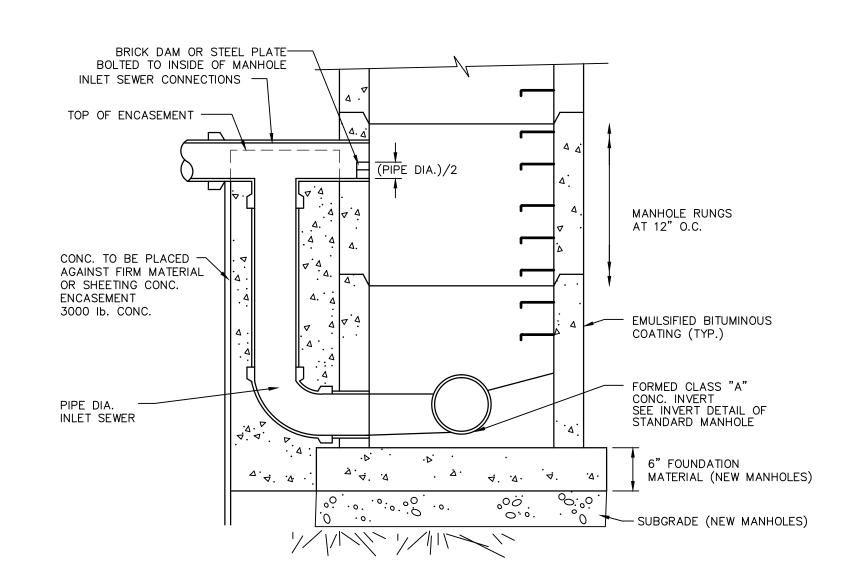


SECTION A-A

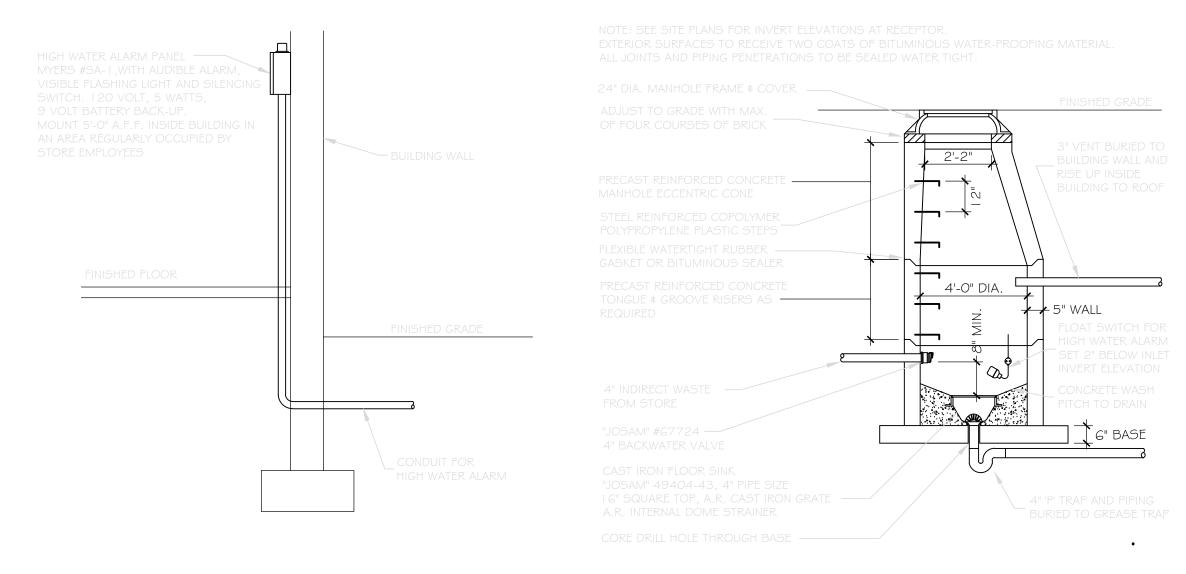
FRAME & GRATE TO BE CAMPBELL FOUNDRY COMPANY—PATTERN NUMBER 1221 WITHOUT COVER VENT HOLES

STANDARD MANHOLE FRAME AND COVER

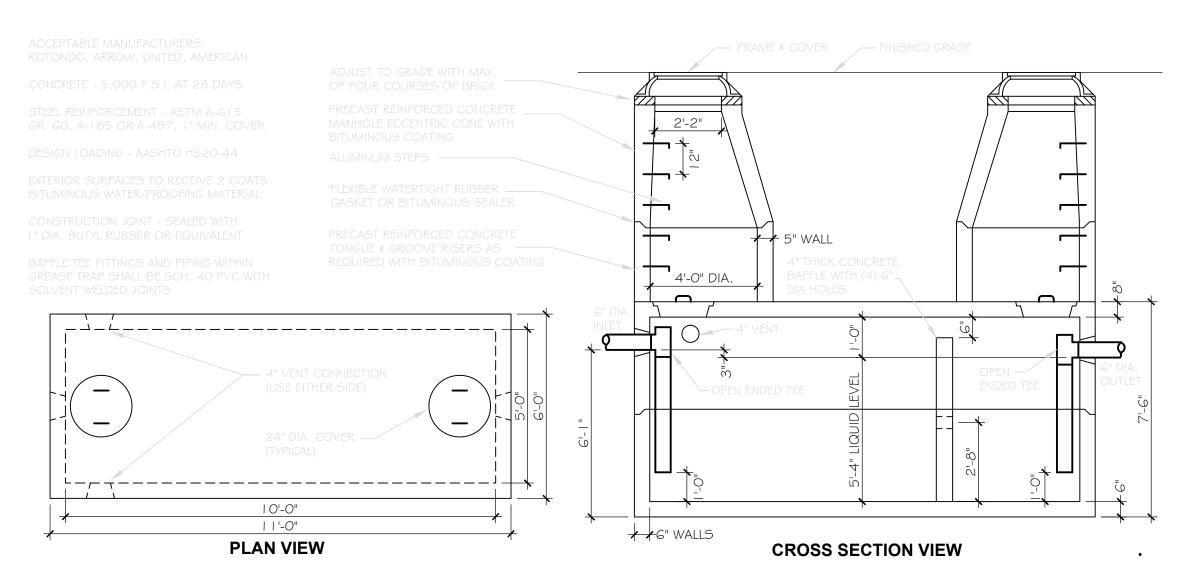
BLSS-002



DROP MANHOLE BLSS-012



INDIRECT WASTE RECEPTOR DETAIL



PRECAST CONCRETE TWO COMPARTMENT 2,000 GALLON GREASE INTERCEPTOR

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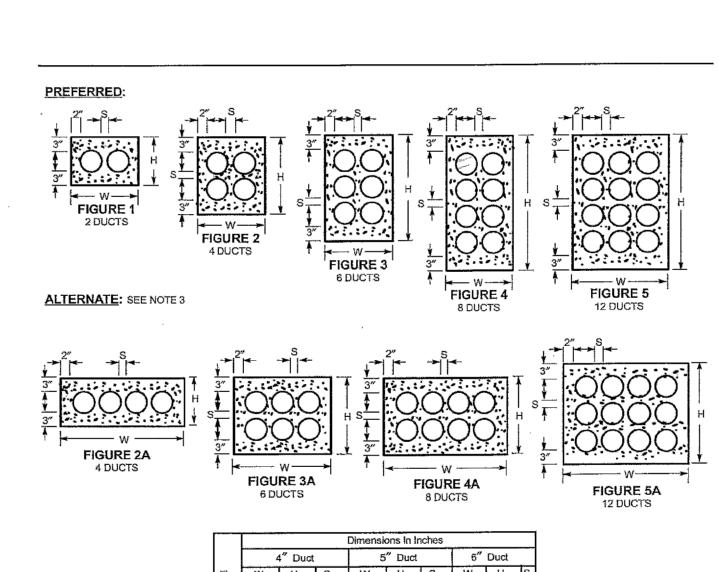


Fig	Dimensions In Inches								
	4" Duct			5" Duct			6" Duct		
	W	Н	S	W	Н	S	W	Н	s
1	14-1/2	10-1/2	1-1/2	16-1/2	11-1/2	1-1/2	19	12-1/2	2
2	14-1/2	16-1/2	1-1/2	16-1/2	18-1/2	1-1/2	19	21	2
2A	26-1/2	10-1/2	1-1/2	30-1/2	11-1/2	1-1/2	36	12-1/2	2
3	14-1/2	22-1/2	1-1/2	16-1/2	25-1/2	1-1/2	19	29-1/2	2
ЗА	20-1/2	16-1/2	1-1/2	23-1/2	18-1/2	1-1/2	27-1/2	21	2
4	14-1/2	28-1/2	1-1/2	16-1/2	32-1/2	1-1/2	19	38	2
4A	26-1/2	16-1/2	1-1/2	30-1/2	18-1/2	1-1/2	36	21	2
5	20-1/2	28-1/2	1-1/2	23-1/2	32-1/2	1-1/2	27-1/2	38	2
5A				30-1/2				29-1/2	2

1. At manholes conduit banks shall be per Figures 1, 2, 3, 4, or 5.

- 2. Minimum cover from top of a conduit bank to the pavement or earth surface shall be:
- a. State highways 36 inches b. Railroad tracks – 60 inches
- c. All other areas 24 inches 3. In the conduit run between manholes if obstructions are encountered or to reduce trench depth, Figures 2A, 3A,
- 4. Concrete shall be 2500 psi, 1/2 inch maximum stone, 6-9 inches slump of such consistency that spading will ensure the flow of concrete between and under the individual ducts, but not so wet as to float the ducts. For tier

buildup construction a stiffer consistency should be used.

ORIGINAL 5/29/75 CONDUIT BANK CONSTRUCTION NORTHEAST UTILITIES DESIGN & APPLICATION STANDARD DTR 73.209 5

DUCT BANK DETAIL

Companies **ENGINEERING ENVIRONMENTAL** LAND SURVEYING 355 Research Parkway Meriden, CT 06450 (203) 630-1406 (203) 630-2615 Fax

PHASE
TE 195)
NNECTICU

S

Designed Drawn Checked Approved AS SHOWN Scale

Project N 03C667-X 2013.03.08 CAD File: DN03C667X01

SITE DETAILS

Sheet No.